

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	22	2003/0131228	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:31
L2	0	2003/0131228	US-PGPUB; JPO; DERWENT	OR	ON	2009/06/03 17:32
L3	2	(john near e near twomey)	US-PGPUB; JPO; DERWENT	OR	ON	2009/06/03 17:32
L4	1	10/658590	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L5	1	"20040120353"	DERWENT	OR	ON	2009/06/03 17:34
L6	1	"20030191874"	DERWENT	OR	ON	2009/06/03 17:34
L7	757	(double near data near rate) and (ATA SATA)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L8	57	(double near data near rate) and (ATA SATA) and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L9	207	(double near data near rate) same (ATA SATA)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L10	26	(double near data near rate) same (ATA SATA) and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L11	867	((ook near kim) (sungjoon near kim) (robert near norman) (chi near wai near ho) (frank near lee) (dongyun near lee) (gijung near ahn) (seung?ho near hwang))	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L12	456	((ook near kim) (sungjoon near kim) (robert near norman) (chi near wai near ho) (frank near lee) (dongyun near lee) (gijung near ahn) (seung?ho near hwang)) and @Pd<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34

L13	47	((ook near kim) (sungjoon near kim) (robert near norman) (chi near wai near ho) (frank near lee) (dongyun near lee) (gijung near ahn) (seung?ho near hwang)) and silicon.as.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L14	47	((ook near kim) (sungjoon near kim) (robert near norman) (chi near wai near ho) (frank near lee) (dongyun near lee) (gijung near ahn) (seung?ho near hwang)) and silicon.as. and pd<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L15	44	((ook near kim) (sungjoon near kim) (robert near norman) (chi near wai near ho) (frank near lee) (dongyun near lee) (gijung near ahn) (seung?ho near hwang)) and silicon.as. and pd<"20020906" and (rate speed)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L16	2	((ook near kim) (sungjoon near kim) (robert near norman) (chi near wai near ho) (frank near lee) (dongyun near lee) (gijung near ahn) (seung?ho near hwang)) and silicon.as. and pd<"20020906" and (double) with (rate speed)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L17	8	10/095422 10/036234 10/171860 10/095422	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L18	10	("5550589" "5835498" "6148135" "6744815" "6905089" "6917366" "6914637" "6931071" "7030930" "7027714").pn.	USPAT	OR	ON	2009/06/03 17:34
L19	1	("5550589" "5835498" "6148135" "6744815" "6905089" "6917366" "6914637" "6931071" "7030930" "7027714").pn. and (double near5 (rate speed frequency))	USPAT	OR	ON	2009/06/03 17:34
L20	46	(double near (rate speed frequency)) and (ATA SATA) and @ad<"20020906"	US-PGPUB; USPAT; JPO	OR	ON	2009/06/03 17:34

L21	25	((double near (rate speed frequency)) and (ATA SATA)) and (parallel and serial) and @ad<"20020906"	US-PGPUB; USPAT; JPO	OR	ON	2009/06/03 17:34
L22	43	(parallel and serial) near (control) near (signal command) and @ad<"20020906"	US-PGPUB; USPAT; JPO	OR	ON	2009/06/03 17:34
L23	18	(generat\$3 develop\$3 produc\$3 creat\$3) near ((serial) near (control) near (signal command)) and @ad<"20020906"	US-PGPUB; USPAT; JPO	OR	ON	2009/06/03 17:34
L24	25	(generat\$3 develop\$3 produc\$3 creat\$3) near ((parallel) near (control) near (signal command)) and @ad<"20020906"	US-PGPUB; USPAT; JPO	OR	ON	2009/06/03 17:34
L25	11	(generat\$3 develop\$3 produc\$3 creat\$3) near ((serial) near (control) near (signal command)) and @pd<"20010906"	US-PGPUB; USPAT; JPO	OR	ON	2009/06/03 17:34
L26	22	(generat\$3 develop\$3 produc\$3 creat\$3) near ((parallel) near (control) near (signal command)) and @pd<"20010906"	US-PGPUB; USPAT; JPO	OR	ON	2009/06/03 17:34
L27	32	L25 L26	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L28	3	(generat\$3 creat\$3 produc\$3 develop\$3) near5 ((serial and parallel) near logic)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L29	833	(generat\$3 creat\$3 produc\$3 develop\$3) near ((serial and parallel))	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L30	17	(generat\$3 develop\$3 produc\$3 creat\$3) near ((parallel and serial) near (signal command)) and @ad<"20020906"	US-PGPUB; USPAT; JPO	OR	ON	2009/06/03 17:34
L31	17	((generat\$3 develop\$3 produc\$3 creat\$3) near ((parallel and serial) near (signal command)) and @ad<"20020906") not silicon.as.	US-PGPUB; USPAT; JPO	OR	ON	2009/06/03 17:34

L32	19	((generat\$3 develop\$3 produc\$3 creat\$3) near ((parallel and serial) near (signal command information)) and @ad<"20020906") not silicon.as.	US-PGPUB; USPAT; JPO	OR	ON	2009/06/03 17:34
L33	187	(multiplex\$3 near (serial and parallel))	US-PGPUB; USPAT; JPO	OR	ON	2009/06/03 17:34
L34	58	(multiplex\$3 near ((serial and parallel) near (signal command information data logic)))	US-PGPUB; USPAT; JPO	OR	ON	2009/06/03 17:34
L35	34	(multiplex\$3 near (serial and parallel) near (signal command information data logic))	US-PGPUB; USPAT; JPO	OR	ON	2009/06/03 17:34
L36	567	(parallel near ATA) and (serial near ATA)	US-PGPUB; USPAT; JPO	OR	ON	2009/06/03 17:34
L37	47	(parallel near ATA) and (serial near ATA) same (ATA near disk) and (((serial near ATA) SATA) near disk)	US-PGPUB; USPAT; JPO	OR	ON	2009/06/03 17:34
L38	36	((parallel near ATA) and (serial near ATA)) same ((ATA near disk) and (((serial near ATA) SATA) near disk))	US-PGPUB; USPAT; JPO	OR	ON	2009/06/03 17:34
L39	3	((parallel near ATA) and (serial near ATA)) same ((ATA near disk) and (((serial near ATA) SATA) near disk)) and @ad<"20020906"	US-PGPUB; USPAT; JPO	OR	ON	2009/06/03 17:34
L40	140	(ATA and SATA) near ("hard drive" "hdd" "disk drive" disk)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L41	2	(ATA and SATA) near ("hard drive" "hdd" "disk drive" disk) and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L42	94	((("ATA" and "SATA") not (serial near ATA)) and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L43	29	((("ATA" and "SATA") not (serial near ATA)) and @pd<"20010906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L44	1009	((serial near ATA) SATA) near ("hard drive" "hdd" "disk drive" disk)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34

L45	20	((serial near ATA) SATA) near ("hard drive" "hdd" "disk drive" disk) and @ad< "20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L46	3	((((serial near ATA) SATA) and (parallel near ATA)) near ("hard drive" "hdd" "disk drive" disk) and @ad< "20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L47	49	((((serial near ATA) SATA) and (parallel near ATA)) and @ad< "20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L48	159	((((serial near ATA) SATA) and ((parallel near ATA) IDE)) and @ad< "20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L49	159	((((serial near ATA) SATA) and ((parallel near ATA) (IDE "integrated drive electronic")))) and @ad< "20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L50	629	((serial and parallel) near ATA) ((serial and parallel) near ("hdd" "hard disk" disk)) and @ad< "20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L51	614	((serial and parallel) near ATA) ((serial and parallel) near ("hdd" "hard disk" disk)) and @pd< "20010906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L52	12	((((serial and parallel) near ATA) ((serial and parallel) near ("hdd" "hard disk" disk))) and @pd< "20010906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L53	75	((((serial and parallel) near ATA) ((serial and parallel) near ("hdd" "hard disk" disk)))and @ad< "20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L54	61	((((serial and parallel) near ATA) ((serial and parallel) adj ("hdd" "hard disk" disk)))and @ad< "20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L55	2	((((serial and parallel) near ATA) ((serial and parallel) adj ("hdd" "hard disk" disk))) and @pd< "20010906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34

L56	36	((serial and parallel) adj (storage)) and @ad< "20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L57	3	("2003/0191872").URPN.	USPAT	OR	ON	2009/06/03 17:34
L58	12	(double near data near rate) with (ATA SATA)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L59	32	((twice two?times "2"? times double) near (frequency speed transmission rate)) and ((serial near ATA) SATA) and @ad< "20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L60	26	("disk drive" and (double near (data rate)) and encod\$3).bsum.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L61	7	("disk drive" and (double near (data rate)) and encod\$3).bsum. and @ad< "20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L62	176	((double near (data rate)) and encod\$3).bsum. and @ad< "20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L63	99	((double adj (data rate)) and encod\$3).bsum. and @ad< "20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L64	130	((ATA and SATA)(double adj (data rate)) and encod \$3).bsum. and @ad< "20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L65	14	((parallel and serial) and (double near (data rate)) and encod\$3).bsum. and @ad< "20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L66	10	((parallel and serial) and (double adj (data rate)) and encod\$3).bsum. and @ad< "20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L67	13	((ATA and SATA) and (serial and parallel)).bsum. and @ad< "20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L68	669	(ATA) and (mux multiplex \$3) and (serial and parallel) and @ad< "20020907"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L69	15	((ATA) and (mux multiplex \$3) and (serial and parallel)).bsum. and @ad< "20020907"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34

L70	1	09/860027	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L71	586	(serial and parallel) adj (IDE ATA)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L72	46	(serial and parallel) adj (IDE ATA) and @ad< "20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L73	2	(serial and parallel) adj (IDE ATA) and (mux multiplex\$3) and ((storage near device) (disk near drive)) and @ad< "20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L74	11	(serial and parallel) adj (IDE ATA) and (mux multiplex\$3 switch) and ((storage near device) (disk near drive)) and @ad< "20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L75	2	(serial and parallel) adj (IDE ATA) and (mux multiplex\$3) and @ad< "20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L76	2	"20030191874"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L77	8	((frank near barth) (henry near drescher) (alexander near krebs)).in. and @ad< "20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L78	8	(US-20040120353-\$ or US- 20030191872-\$ or US- 20030074515-\$ or US- 20030005231-\$ or US- 20050251588-\$ or US- 20030229748-\$).did. or (US-7308512-\$ or US- 6931457-\$ or US-7047357- \$).did.	US-PGPUB; USPAT	OR	ON	2009/06/03 17:34
L79	8	L78 and (rate speed transfer)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L80	8	L78 and (rate speed)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L81	5	L78 and (rate)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34

L82	1	L78 and (phase)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L83	2	L78 and (frequency)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L84	3	L78 and (clock)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L85	752	(710/11 710/14).ccls. and (clock rate speed frequenc \$3)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L86	493	(710/11 710/14).ccls. and (clock rate speed frequenc \$3) and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L87	24	(710/11 710/14).ccls. and (clock rate speed frequenc \$3) same (IDE SATA) and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L88	30	(710/11 710/14).ccls. and (clock rate speed frequenc \$3) same (mux multiplex \$3 switch\$3 convert\$3) and (threshold) and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L89	1	(710/11 710/14).ccls. and (clock rate speed frequenc \$3) same (mux multiplex \$3 switch\$3 convert\$3) and (threshold) and (IDE ATA SATA) and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L90	3	(710/11 710/14).ccls. and (clock rate speed frequenc \$3) same (mux multiplex \$3 switch\$3 convert\$3) and (threshold) and ((encode embed enclud\$3) near (command data signal)) and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34

L91	41	(US-20040120353-\$ or US-20070174504-\$ or US-20070260756-\$ or US-20050186832-\$ or US-20060069816-\$ or US-20060069932-\$ or US-20060101174-\$ or US-20060129703-\$ or US-20050024083-\$ or US-20050289262-\$ or US-20040223559-\$ or US-20040044802-\$ or US-20050086459-\$ or US-20060019542-\$ or US-20060041783-\$ or US-20060072909-\$ or US-20060218319-\$ or US-20060230218-\$ or US-20060242312-\$ or US-20060248241-\$ or US-20060271739-\$ or US-20070005880-\$ or US-20060136666-\$ or US-20060026315-\$ or US-20040071251-\$ or US-20040097122-\$).did. or (US-7230981-\$ or US-7134908-\$ or US-7159055-\$ or US-7271999-\$ or US-7293167-\$ or US-6781826-\$ or US-6791779-\$ or US-6811427-\$ or US-6832929-\$ or US-6832931-\$ or US-6884085-\$ or US-6908330-\$ or US-6965956-\$ or US-6976869-\$ or US-7003623-\$ or US-7056135-\$ or US-7076391-\$ or US-7171525-\$ or US-7238037-\$ or US-7250751-\$ or US-7250784-\$ or US-7253652-\$ or US-7263153-\$ or US-7308534-\$).did.	US-PGPUB; USPAT	OR	ON	2009/06/03 17:34
L92	504	710/11.ccls.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L93	325	710/11.ccls. and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L94	2	"6715010".pn.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34

L95	1	10/658590	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L96	1	"20040120353"	DERWENT	OR	ON	2009/06/03 17:34
L97	1	"20030191874"	DERWENT	OR	ON	2009/06/03 17:34
L98	757	(double near data near rate) and (ATA SATA)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L99	57	(double near data near rate) and (ATA SATA) and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L100	207	(double near data near rate) same (ATA SATA)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L101	26	(double near data near rate) same (ATA SATA) and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L102	867	((ook near kim) (sungjoon near kim) (robert near norman) (chi near wai near ho) (frank near lee) (dongyun near lee) (gijung near ahn) (seung?ho near hwang))	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L103	456	((ook near kim) (sungjoon near kim) (robert near norman) (chi near wai near ho) (frank near lee) (dongyun near lee) (gijung near ahn) (seung?ho near hwang)) and @Pd<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L104	47	((ook near kim) (sungjoon near kim) (robert near norman) (chi near wai near ho) (frank near lee) (dongyun near lee) (gijung near ahn) (seung?ho near hwang)) and silicon.as.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L105	47	((ook near kim) (sungjoon near kim) (robert near norman) (chi near wai near ho) (frank near lee) (dongyun near lee) (gijung near ahn) (seung?ho near hwang)) and silicon.as. and pd<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34

L106	44	((ook near kim) (sungjoon near kim) (robert near norman) (chi near wai near ho) (frank near lee) (dongyun near lee) (gijung near ahn) (seung?ho near hwang)) and silicon.as. and pd<"20020906" and (rate speed)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L107	2	((ook near kim) (sungjoon near kim) (robert near norman) (chi near wai near ho) (frank near lee) (dongyun near lee) (gijung near ahn) (seung?ho near hwang)) and silicon.as. and pd<"20020906" and (double) with (rate speed)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L108	8	10/095422 10/036234 10/171860 10/095422	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L109	10	("5550589" "5835498" "6148135" "6744815" "6905089" "6917366" "6914637" "6931071" "7030930" "7027714").pn.	USPAT	OR	ON	2009/06/03 17:34
L110	1	("5550589" "5835498" "6148135" "6744815" "6905089" "6917366" "6914637" "6931071" "7030930" "7027714").pn. and (double near5 (rate speed frequency))	USPAT	OR	ON	2009/06/03 17:34
L111	46	(double near (rate speed frequency)) and (ATA SATA) and @ad<"20020906"	US-PGPUB; USPAT; JPO	OR	ON	2009/06/03 17:34
L112	25	((double near (rate speed frequency)) and (ATA SATA)) and (parallel and serial) and @ad<"20020906"	US-PGPUB; USPAT; JPO	OR	ON	2009/06/03 17:34
L113	43	(parallel and serial) near (control) near (signal command) and @ad<"20020906"	US-PGPUB; USPAT; JPO	OR	ON	2009/06/03 17:34
L114	18	(generat\$3 develop\$3 produc\$3 creat\$3) near ((serial) near (control) near (signal command)) and @ad<"20020906"	US-PGPUB; USPAT; JPO	OR	ON	2009/06/03 17:34

L115	25	(generat\$3 develop\$3 produc\$3 creat\$3) near ((parallel) near (control) near (signal command)) and @ad<"20020906"	US-PGPUB; USPAT; JPO	OR	ON	2009/06/03 17:34
L116	11	(generat\$3 develop\$3 produc\$3 creat\$3) near ((serial) near (control) near (signal command)) and @pd<"20010906"	US-PGPUB; USPAT; JPO	OR	ON	2009/06/03 17:34
L117	22	(generat\$3 develop\$3 produc\$3 creat\$3) near ((parallel) near (control) near (signal command)) and @pd<"20010906"	US-PGPUB; USPAT; JPO	OR	ON	2009/06/03 17:34
L118	32	L116 L117	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L119	3	(generat\$3 creat\$3 produc\$3 develop\$3) near5 ((serial and parallel) near logic)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L120	833	(generat\$3 creat\$3 produc\$3 develop\$3) near ((serial and parallel))	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L121	17	(generat\$3 develop\$3 produc\$3 creat\$3) near ((parallel and serial) near (signal command)) and @ad<"20020906"	US-PGPUB; USPAT; JPO	OR	ON	2009/06/03 17:34
L122	17	((generat\$3 develop\$3 produc\$3 creat\$3) near ((parallel and serial) near (signal command)) and @ad<"20020906") not silicon.as.	US-PGPUB; USPAT; JPO	OR	ON	2009/06/03 17:34
L123	19	((generat\$3 develop\$3 produc\$3 creat\$3) near ((parallel and serial) near (signal command information)) and @ad<"20020906") not silicon.as.	US-PGPUB; USPAT; JPO	OR	ON	2009/06/03 17:34
L124	187	(multiplex\$3 near (serial and parallel))	US-PGPUB; USPAT; JPO	OR	ON	2009/06/03 17:34
L125	58	(multiplex\$3 near ((serial and parallel) near (signal command information data logic)))	US-PGPUB; USPAT; JPO	OR	ON	2009/06/03 17:34

L126	34	(multiplex\$3 near (serial and parallel) near (signal command information data logic))	US-PGPUB; USPAT; JPO	OR	ON	2009/06/03 17:34
L127	567	(parallel near ATA) and (serial near ATA)	US-PGPUB; USPAT; JPO	OR	ON	2009/06/03 17:34
L128	47	(parallel near ATA) and (serial near ATA) same (ATA near disk) and (((serial near ATA) SATA) near disk)	US-PGPUB; USPAT; JPO	OR	ON	2009/06/03 17:34
L129	36	((parallel near ATA) and (serial near ATA)) same ((ATA near disk) and (((serial near ATA) SATA) near disk))	US-PGPUB; USPAT; JPO	OR	ON	2009/06/03 17:34
L130	3	((parallel near ATA) and (serial near ATA)) same ((ATA near disk) and (((serial near ATA) SATA) near disk)) and @ad<"20020906"	US-PGPUB; USPAT; JPO	OR	ON	2009/06/03 17:34
L131	140	(ATA and SATA) near ("hard drive" "hdd" "disk drive" disk)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L132	2	(ATA and SATA) near ("hard drive" "hdd" "disk drive" disk) and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L133	94	((("ATA" and "SATA") not (serial near ATA)) and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L134	29	((("ATA" and "SATA") not (serial near ATA)) and @pd<"20010906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L135	1009	((serial near ATA) SATA) near ("hard drive" "hdd" "disk drive" disk)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L136	20	((serial near ATA) SATA) near ("hard drive" "hdd" "disk drive" disk) and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L137	3	((serial near ATA) SATA) and (parallel near ATA)) near ("hard drive" "hdd" "disk drive" disk) and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L138	49	((serial near ATA) SATA) and (parallel near ATA)) and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34

L139	159	((serial near ATA) SATA) and ((parallel near ATA) IDE)) and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L140	159	((serial near ATA) SATA) and ((parallel near ATA) (IDE "integrated drive electronic")) and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L141	629	((serial and parallel) near ATA) ((serial and parallel) near ("hdd" "hard disk" disk)) and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L142	614	((serial and parallel) near ATA) ((serial and parallel) near ("hdd" "hard disk" disk)) and @pd<"20010906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L143	12	((serial and parallel) near ATA) ((serial and parallel) near ("hdd" "hard disk" disk)) and @pd<"20010906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L144	75	((serial and parallel) near ATA) ((serial and parallel) near ("hdd" "hard disk" disk)))and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L145	61	((serial and parallel) near ATA) ((serial and parallel) adj ("hdd" "hard disk" disk)))and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L146	2	((serial and parallel) near ATA) ((serial and parallel) adj ("hdd" "hard disk" disk)) and @pd<"20010906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L147	36	((serial and parallel) adj (storage))and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L148	3	("2003/0191872").URPN.	USPAT	OR	ON	2009/06/03 17:34
L149	12	(double near data near rate) with (ATA SATA)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34

L150	32	((twice two?times "2"? times double) near (frequency speed transmission rate)) and ((serial near ATA) SATA) and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L151	26	("disk drive" and (double near (data rate)) and encod\$3).bsum.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L152	7	("disk drive" and (double near (data rate)) and encod\$3).bsum. and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L153	176	((double near (data rate)) and encod\$3).bsum. and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L154	99	((double adj (data rate)) and encod\$3).bsum. and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L155	130	((ATA and SATA)(double adj (data rate)) and encod\$3).bsum. and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L156	14	((parallel and serial) and (double near (data rate)) and encod\$3).bsum. and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L157	10	((parallel and serial) and (double adj (data rate)) and encod\$3).bsum. and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L158	13	((ATA and SATA) and (serial and parallel)).bsum. and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L159	669	(ATA) and (mux multiplex \$3) and (serial and parallel) and @ad<"20020907"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L160	15	((ATA) and (mux multiplex \$3) and (serial and parallel)).bsum. and @ad<"20020907"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L161	1	09/860027	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L162	586	(serial and parallel) adj (IDE ATA)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L163	46	(serial and parallel) adj (IDE ATA) and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34

L164	2	(serial and parallel) adj (IDE ATA) and (mux multiplex\$3) and ((storage near device) (disk near drive)) and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L165	11	(serial and parallel) adj (IDE ATA) and (mux multiplex\$3 switch) and ((storage near device) (disk near drive)) and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L166	2	(serial and parallel) adj (IDE ATA) and (mux multiplex\$3) and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L167	2	"20030191874"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L168	8	((frank near barth) (henry near drescher) (alexander near krebs)).in. and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L169	8	(US-20040120353-\$ or US-20030191872-\$ or US-20030074515-\$ or US-20030005231-\$ or US-20050251588-\$ or US-20030229748-\$).did. or (US-7308512-\$ or US-6931457-\$ or US-7047357-\$).did.	US-PGPUB; USPAT	OR	ON	2009/06/03 17:34
L170	8	L169 and (rate speed transfer)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L171	8	L169 and (rate speed)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L172	5	L169 and (rate)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L173	1	L169 and (phase)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L174	2	L169 and (frequency)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L175	3	L169 and (clock)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34

L176	752	(710/11 710/14).ccls. and (clock rate speed frequenc \$3)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L177	493	(710/11 710/14).ccls. and (clock rate speed frequenc \$3) and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L178	24	(710/11 710/14).ccls. and (clock rate speed frequenc \$3) same (IDE SATA) and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L179	30	(710/11 710/14).ccls. and (clock rate speed frequenc \$3) same (mux multiplex \$3 switch\$3 convert\$3) and (threshold) and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L180	1	(710/11 710/14).ccls. and (clock rate speed frequenc \$3) same (mux multiplex \$3 switch\$3 convert\$3) and (threshold) and (IDE ATA SATA) and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L181	3	(710/11 710/14).ccls. and (clock rate speed frequenc \$3) same (mux multiplex \$3 switch\$3 convert\$3) and (threshold) and ((encode embed enclud\$3) near (command data signal)) and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L182	41	(US-20040120353-\$ or US-20070174504-\$ or US-20070260756-\$ or US-20050186832-\$ or US-20060069816-\$ or US-20060069932-\$ or US-20060101174-\$ or US-20060129703-\$ or US-20050024083-\$ or US-20050289262-\$ or US-20040223559-\$ or US-20040044802-\$ or US-20050086459-\$ or US-20060019542-\$ or US-20060041783-\$ or US-20060072909-\$ or US-20060218319-\$ or US-20060230218-\$ or US-20060242312-\$ or US-20060248241-\$ or US-20060271739-\$ or US-20070005880-\$ or US-	US-PGPUB; USPAT	OR	ON	2009/06/03 17:34

		20060136666-\$ or US-20060026315-\$ or US-20040071251-\$ or US-20040097122-\$).did. or (US-7230981-\$ or US-7134908-\$ or US-7159055-\$ or US-7271999-\$ or US-7293167-\$ or US-6781826-\$ or US-6791779-\$ or US-6811427-\$ or US-6832929-\$ or US-6832931-\$ or US-6884085-\$ or US-6908330-\$ or US-6965956-\$ or US-6976869-\$ or US-7003623-\$ or US-7056135-\$ or US-7076391-\$ or US-7171525-\$ or US-7238037-\$ or US-7250751-\$ or US-7250784-\$ or US-7253652-\$ or US-7263153-\$ or US-7308534-\$).did.				
L183	504	710/11.ccls.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
L184	325	710/11.ccls. and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/03 17:34
S1	1	10/658590	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/12/11 12:21
S2	1	"20040120353"	DERWENT	OR	ON	2007/12/11 12:24
S3	1	"20030191874"	DERWENT	OR	ON	2007/12/11 12:24
S15	452	(double near data near rate) and (ATA SATA)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/12/11 12:30
S16	56	(double near data near rate) and (ATA SATA) and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/12/12 13:25
S17	138	(double near data near rate) same (ATA SATA)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/12/11 12:30
S18	25	(double near data near rate) same (ATA SATA) and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/12/11 12:30

S24	768	((look near kim) (sungjoon near kim) (robert near norman) (chi near wai near ho) (frank near lee) (dongyun near lee) (gijung near ahn) (seung?ho near hwang))	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/12/11 12:33
S25	456	((look near kim) (sungjoon near kim) (robert near norman) (chi near wai near ho) (frank near lee) (dongyun near lee) (gijung near ahn) (seung?ho near hwang)) and @Pd<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/12/11 12:33
S26	36	((look near kim) (sungjoon near kim) (robert near norman) (chi near wai near ho) (frank near lee) (dongyun near lee) (gijung near ahn) (seung?ho near hwang)) and silicon.as.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/12/11 12:33
S27	36	((look near kim) (sungjoon near kim) (robert near norman) (chi near wai near ho) (frank near lee) (dongyun near lee) (gijung near ahn) (seung?ho near hwang)) and silicon.as. and pd<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/12/11 12:34
S28	35	((look near kim) (sungjoon near kim) (robert near norman) (chi near wai near ho) (frank near lee) (dongyun near lee) (gijung near ahn) (seung?ho near hwang)) and silicon.as. and pd<"20020906" and (rate speed)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/12/11 12:34
S29	2	((look near kim) (sungjoon near kim) (robert near norman) (chi near wai near ho) (frank near lee) (dongyun near lee) (gijung near ahn) (seung?ho near hwang)) and silicon.as. and pd<"20020906" and (double) with (rate speed)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/12/11 12:51
S30	7	10/095422 10/036234 10/171860 10/095422	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/12/11 12:49

S31	10	("5550589" "5835498" "6148135" "6744815" "6905089" "6917366" "6914637" "6931071" "7030930" "7027714").pn.	USPAT	OR	ON	2007/12/11 12:52
S32	1	("5550589" "5835498" "6148135" "6744815" "6905089" "6917366" "6914637" "6931071" "7030930" "7027714").pn. and (double near5 (rate speed frequency))	USPAT	OR	ON	2007/12/11 12:53
S36	46	(double near (rate speed frequency)) and (ATA SATA) and @ad< "20020906"	US-PGPUB; USPAT; JPO	OR	ON	2007/12/11 14:07
S37	25	((double near (rate speed frequency)) and (ATA SATA)) and (parallel and serial) and @ad< "20020906"	US-PGPUB; USPAT; JPO	OR	ON	2007/12/11 14:13
S38	43	(parallel and serial) near (control) near (signal command) and @ad< "20020906"	US-PGPUB; USPAT; JPO	OR	ON	2007/12/11 14:14
S40	18	(generat\$3 develop\$3 produc\$3 creat\$3) near ((serial) near (control) near (signal command)) and @ad< "20020906"	US-PGPUB; USPAT; JPO	OR	ON	2007/12/11 14:18
S41	25	(generat\$3 develop\$3 produc\$3 creat\$3) near ((parallel) near (control) near (signal command)) and @ad< "20020906"	US-PGPUB; USPAT; JPO	OR	ON	2007/12/11 14:16
S43	11	(generat\$3 develop\$3 produc\$3 creat\$3) near ((serial) near (control) near (signal command)) and @pd< "20010906"	US-PGPUB; USPAT; JPO	OR	ON	2007/12/11 14:19
S44	22	(generat\$3 develop\$3 produc\$3 creat\$3) near ((parallel) near (control) near (signal command)) and @pd< "20010906"	US-PGPUB; USPAT; JPO	OR	ON	2007/12/11 14:19
S45	32	S43 S44	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/12/11 14:33
S47	3	(generat\$3 creat\$3 produc \$3 develop\$3) near5 ((serial and parallel) near logic)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/12/11 14:56

S48	702	(generat\$3 creat\$3 produc\$3 develop\$3) near ((serial and parallel))	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/12/11 15:16
S49	17	(generat\$3 develop\$3 produc\$3 creat\$3) near ((parallel and serial) near (signal command)) and @ad<"20020906"	US-PGPUB; USPAT; JPO	OR	ON	2007/12/11 15:18
S50	17	((generat\$3 develop\$3 produc\$3 creat\$3) near ((parallel and serial) near (signal command)) and @ad<"20020906") not silicon.as.	US-PGPUB; USPAT; JPO	OR	ON	2007/12/11 15:24
S51	19	((generat\$3 develop\$3 produc\$3 creat\$3) near ((parallel and serial) near (signal command information)) and @ad<"20020906") not silicon.as.	US-PGPUB; USPAT; JPO	OR	ON	2007/12/11 15:40
S52	164	(multiplex\$3 near (serial and parallel))	US-PGPUB; USPAT; JPO	OR	ON	2007/12/11 15:45
S53	50	(multiplex\$3 near ((serial and parallel) near (signal command information data logic)))	US-PGPUB; USPAT; JPO	OR	ON	2007/12/11 15:49
S54	27	(multiplex\$3 near (serial and parallel) near (signal command information data logic))	US-PGPUB; USPAT; JPO	OR	ON	2007/12/11 15:59
S56	383	(parallel near ATA) and (serial near ATA)	US-PGPUB; USPAT; JPO	OR	ON	2007/12/11 16:00
S57	33	(parallel near ATA) and (serial near ATA) same (ATA near disk) and (((serial near ATA) SATA) near disk)	US-PGPUB; USPAT; JPO	OR	ON	2007/12/11 16:01
S58	24	((parallel near ATA) and (serial near ATA)) same ((ATA near disk) and (((serial near ATA) SATA) near disk))	US-PGPUB; USPAT; JPO	OR	ON	2007/12/11 16:05
S59	3	((parallel near ATA) and (serial near ATA)) same ((ATA near disk) and (((serial near ATA) SATA) near disk)) and @ad<"20020906"	US-PGPUB; USPAT; JPO	OR	ON	2007/12/11 16:01

S60	61	(ATA and SATA) near ("hard drive" "hdd" "disk drive" disk)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/12/12 10:59
S61	2	(ATA and SATA) near ("hard drive" "hdd" "disk drive" disk) and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/12/12 10:56
S62	91	((("ATA" and "SATA") not (serial near ATA)) and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/12/12 10:58
S63	29	((("ATA" and "SATA") not (serial near ATA)) and @pd<"20010906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/12/12 10:58
S64	549	((serial near ATA) SATA) near ("hard drive" "hdd" "disk drive" disk)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/12/12 11:00
S66	21	((serial near ATA) SATA) near ("hard drive" "hdd" "disk drive" disk) and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/12/12 11:05
S67	3	((((serial near ATA) SATA) and (parallel near ATA)) near ("hard drive" "hdd" "disk drive" disk) and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/12/12 11:07
S68	48	((((serial near ATA) SATA) and (parallel near ATA)) and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/12/12 11:08
S69	160	((((serial near ATA) SATA) and ((parallel near ATA) IDE)) and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/12/12 11:09
S70	160	((((serial near ATA) SATA) and ((parallel near ATA) (IDE "integrated drive electronic")))) and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/12/12 11:12
S71	427	((serial and parallel) near ATA) ((serial and parallel) near ("hdd" "hard disk" disk)) and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/12/12 11:14
S72	412	((serial and parallel) near ATA) ((serial and parallel) near ("hdd" "hard disk" disk)) and @pd<"20010906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/12/12 11:13

S73	12	((serial and parallel) near ATA) ((serial and parallel) near ("hdd" "hard disk" disk))) and @pd<"20010906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/12/12 11:15
S74	74	((serial and parallel) near ATA) ((serial and parallel) near ("hdd" "hard disk" disk)))and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/12/12 11:14
S75	60	((serial and parallel) near ATA) ((serial and parallel) adj ("hdd" "hard disk" disk)))and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/12/12 11:21
S76	2	((serial and parallel) near ATA) ((serial and parallel) adj ("hdd" "hard disk" disk))) and @pd<"20010906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/12/12 11:17
S77	37	((serial and parallel) adj (storage))and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/12/12 11:21
S78	3	("2003/0191872").URPN.	USPAT	OR	ON	2007/12/12 13:02
S80	7	(double near data near rate) with (ATA SATA)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/12/12 13:22
S81	32	((twice two?times "2"? times double) near (frequency speed transmission rate)) and ((serial near ATA) SATA) and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/12/12 13:26
S82	23	("disk drive" and (double near (data rate)) and encod\$3).bsum.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/04/07 11:45
S83	7	("disk drive" and (double near (data rate)) and encod\$3).bsum. and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/04/07 11:46
S84	172	((double near (data rate)) and encod\$3).bsum. and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/04/07 12:02
S85	96	((double adj (data rate)) and encod\$3).bsum. and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/04/07 12:02
S86	127	((ATA and SATA)(double adj (data rate)) and encod \$3).bsum. and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/04/07 12:02

S89	14	((parallel and serial) and (double near (data rate)) and encod\$3).bsum. and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/04/07 12:03
S90	10	((parallel and serial) and (double adj (data rate)) and encod\$3).bsum. and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/04/07 12:03
S92	13	((ATA and SATA) and (serial and parallel)).bsum. and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/04/07 12:11
S94	665	(ATA) and (mux multiplex \$3) and (serial and parallel) and @ad<"20020907"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/04/07 14:37
S95	15	((ATA) and (mux multiplex \$3) and (serial and parallel)).bsum. and @ad<"20020907"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/04/07 14:37
S96	1	09/860027	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/04/09 15:00
S97	428	(serial and parallel) adj (IDE ATA)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/04/09 16:28
S98	45	(serial and parallel) adj (IDE ATA) and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/04/09 16:32
S99	2	(serial and parallel) adj (IDE ATA) and (mux multiplex\$3) and ((storage near device) (disk near drive)) and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/04/09 16:33
S100	11	(serial and parallel) adj (IDE ATA) and (mux multiplex\$3 switch) and ((storage near device) (disk near drive)) and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/04/09 16:33
S101	2	(serial and parallel) adj (IDE ATA) and (mux multiplex\$3) and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/04/09 16:35
S102	2	"20030191874"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/04/09 16:57
S103	8	((frank near barth) (henry near drescher) (alexander near krebs)).in. and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/04/09 17:01

S104	9	(US-20040120353-\$ or US-20030191872-\$ or US-20030074515-\$ or US-20030005231-\$ or US-20050251588-\$ or US-20030229748-\$).did. or (US-7308512-\$ or US-6931457-\$ or US-7047357-\$).did.	US-PGPUB; USPAT	OR	ON	2008/04/11 16:49
S105	9	S104 and (rate speed transfer)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/04/11 16:50
S106	9	S104 and (rate speed)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/04/11 16:50
S107	6	S104 and (rate)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/04/11 16:50
S108	1	S104 and (phase)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/04/11 16:55
S109	2	S104 and (frequency)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/04/11 16:56
S110	3	S104 and (clock)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/04/11 17:54
S111	641	(710/11 710/14).ccls. and (clock rate speed frequenc \$3)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/04/11 18:23
S112	489	(710/11 710/14).ccls. and (clock rate speed frequenc \$3) and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/04/11 18:23
S113	24	(710/11 710/14).ccls. and (clock rate speed frequenc \$3) same (IDE SATA) and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/04/11 18:24
S114	30	(710/11 710/14).ccls. and (clock rate speed frequenc \$3) same (mux multiplex \$3 switch\$3 convert\$3) and (threshold) and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/04/11 18:27
S115	1	(710/11 710/14).ccls. and (clock rate speed frequenc \$3) same (mux multiplex \$3 switch\$3 convert\$3) and (threshold) and (IDE ATA SATA) and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/04/11 18:28

S116	3	(710/11 710/14).ccls. and (clock rate speed frequenc \$3) same (mux multiplex \$3 switch\$3 convert\$3) and (threshold) and ((encode embed enclud\$3) near (command data signal)) and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/04/11 18:29
S117	50	(US-20040120353-\$ or US-20070174504-\$ or US-20070260756-\$ or US-20050186832-\$ or US-20060069816-\$ or US-20060069932-\$ or US-20060101174-\$ or US-20060129703-\$ or US-20050024083-\$ or US-20050289262-\$ or US-20040223559-\$ or US-20040044802-\$ or US-20050086459-\$ or US-20060019542-\$ or US-20060041783-\$ or US-20060072909-\$ or US-20060218319-\$ or US-20060230218-\$ or US-20060242312-\$ or US-20060248241-\$ or US-20060271739-\$ or US-20070005880-\$ or US-20060136666-\$ or US-20060026315-\$ or US-20040071251-\$ or US-20040097122-\$).did. or (US-7230981-\$ or US-7134908-\$ or US-7159055-\$ or US-7271999-\$ or US-7293167-\$ or US-6781826-\$ or US-6791779-\$ or US-6811427-\$ or US-6832929-\$ or US-6832931-\$ or US-6884085-\$ or US-6908330-\$ or US-6965956-\$ or US-6976869-\$ or US-7003623-\$ or US-7056135-\$ or US-7076391-\$ or US-7171525-\$ or US-7238037-\$ or US-7250751-\$ or US-7250784-\$ or US-7253652-\$ or US-7263153-\$ or US-7308534-\$).did.	US-PGPUB; USPAT	OR	ON	2008/04/11 18:51
S118	426	710/11.ccls.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/04/11 19:05

S119	321	710/11.ccls. and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/04/11 19:05
S120	2	"6715010".pn.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/11/24 07:45
S121	1	10/658590	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/11/24 08:18
S122	1	"20040120353"	DERWENT	OR	ON	2008/11/24 08:18
S123	1	"20030191874"	DERWENT	OR	ON	2008/11/24 08:18
S124	632	(double near data near rate) and (ATA SATA)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/11/24 08:18
S125	57	(double near data near rate) and (ATA SATA) and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/11/24 08:18
S126	177	(double near data near rate) same (ATA SATA)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/11/24 08:18
S127	26	(double near data near rate) same (ATA SATA) and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/11/24 08:18
S128	830	((ook near kim) (sungjoon near kim) (robert near norman) (chi near wai near ho) (frank near lee) (dongyun near lee) (gijung near ahn) (seung?ho near hwang))	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/11/24 08:18
S129	456	((ook near kim) (sungjoon near kim) (robert near norman) (chi near wai near ho) (frank near lee) (dongyun near lee) (gijung near ahn) (seung?ho near hwang)) and @Pd<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/11/24 08:18
S130	44	((ook near kim) (sungjoon near kim) (robert near norman) (chi near wai near ho) (frank near lee) (dongyun near lee) (gijung near ahn) (seung?ho near hwang)) and silicon.as.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/11/24 08:18

S131	44	((ook near kim) (sungjoon near kim) (robert near norman) (chi near wai near ho) (frank near lee) (dongyun near lee) (gijung near ahn) (seung?ho near hwang)) and silicon.as. and pd<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/11/24 08:18
S132	41	((ook near kim) (sungjoon near kim) (robert near norman) (chi near wai near ho) (frank near lee) (dongyun near lee) (gijung near ahn) (seung?ho near hwang)) and silicon.as. and pd<"20020906" and (rate speed)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/11/24 08:18
S133	2	((ook near kim) (sungjoon near kim) (robert near norman) (chi near wai near ho) (frank near lee) (dongyun near lee) (gijung near ahn) (seung?ho near hwang)) and silicon.as. and pd<"20020906" and (double) with (rate speed)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/11/24 08:18
S134	8	10/095422 10/036234 10/171860 10/095422	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/11/24 08:18
S135	10	("5550589" "5835498" "6148135" "6744815" "6905089" "6917366" "6914637" "6931071" "7030930" "7027714").pn.	USPAT	OR	ON	2008/11/24 08:18
S136	1	("5550589" "5835498" "6148135" "6744815" "6905089" "6917366" "6914637" "6931071" "7030930" "7027714").pn. and (double near5 (rate speed frequency))	USPAT	OR	ON	2008/11/24 08:18
S137	46	(double near (rate speed frequency)) and (ATA SATA) and @ad<"20020906"	US-PGPUB; USPAT; JPO	OR	ON	2008/11/24 08:18
S138	25	((double near (rate speed frequency)) and (ATA SATA)) and (parallel and serial) and @ad<"20020906"	US-PGPUB; USPAT; JPO	OR	ON	2008/11/24 08:18

S139	43	(parallel and serial) near (control) near (signal command) and @ad<"20020906"	US-PGPUB; USPAT; JPO	OR	ON	2008/11/24 08:18
S140	18	(generat\$3 develop\$3 produc\$3 creat\$3) near ((serial) near (control) near (signal command)) and @ad<"20020906"	US-PGPUB; USPAT; JPO	OR	ON	2008/11/24 08:18
S141	25	(generat\$3 develop\$3 produc\$3 creat\$3) near ((parallel) near (control) near (signal command)) and @ad<"20020906"	US-PGPUB; USPAT; JPO	OR	ON	2008/11/24 08:18
S142	11	(generat\$3 develop\$3 produc\$3 creat\$3) near ((serial) near (control) near (signal command)) and @pd<"20010906"	US-PGPUB; USPAT; JPO	OR	ON	2008/11/24 08:18
S143	22	(generat\$3 develop\$3 produc\$3 creat\$3) near ((parallel) near (control) near (signal command)) and @pd<"20010906"	US-PGPUB; USPAT; JPO	OR	ON	2008/11/24 08:18
S144	32	S142 S143	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/11/24 08:18
S145	3	(generat\$3 creat\$3 produc\$3 develop\$3) near5 ((serial and parallel) near logic)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/11/24 08:18
S146	795	(generat\$3 creat\$3 produc\$3 develop\$3) near ((serial and parallel))	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/11/24 08:18
S147	17	(generat\$3 develop\$3 produc\$3 creat\$3) near ((parallel and serial) near (signal command)) and @ad<"20020906"	US-PGPUB; USPAT; JPO	OR	ON	2008/11/24 08:18
S148	17	((generat\$3 develop\$3 produc\$3 creat\$3) near ((parallel and serial) near (signal command)) and @ad<"20020906") not silicon.as.	US-PGPUB; USPAT; JPO	OR	ON	2008/11/24 08:18
S149	19	((generat\$3 develop\$3 produc\$3 creat\$3) near ((parallel and serial) near (signal command information)) and @ad<"20020906") not silicon.as.	US-PGPUB; USPAT; JPO	OR	ON	2008/11/24 08:18

S150	177	(multiplex\$3 near (serial and parallel))	US-PGPUB; USPAT; JPO	OR	ON	2008/11/24 08:18
S151	55	(multiplex\$3 near ((serial and parallel) near (signal command information data logic)))	US-PGPUB; USPAT; JPO	OR	ON	2008/11/24 08:18
S152	33	(multiplex\$3 near (serial and parallel) near (signal command information data logic))	US-PGPUB; USPAT; JPO	OR	ON	2008/11/24 08:18
S153	510	(parallel near ATA) and (serial near ATA)	US-PGPUB; USPAT; JPO	OR	ON	2008/11/24 08:18
S154	47	(parallel near ATA) and (serial near ATA) same (ATA near disk) and (((serial near ATA) SATA) near disk)	US-PGPUB; USPAT; JPO	OR	ON	2008/11/24 08:18
S155	36	((parallel near ATA) and (serial near ATA)) same ((ATA near disk) and (((serial near ATA) SATA) near disk))	US-PGPUB; USPAT; JPO	OR	ON	2008/11/24 08:18
S156	3	((parallel near ATA) and (serial near ATA)) same ((ATA near disk) and (((serial near ATA) SATA) near disk)) and @ad<"20020906"	US-PGPUB; USPAT; JPO	OR	ON	2008/11/24 08:18
S157	116	(ATA and SATA) near ("hard drive" "hdd" "disk drive" disk)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/11/24 08:18
S158	2	(ATA and SATA) near ("hard drive" "hdd" "disk drive" disk) and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/11/24 08:18
S159	93	((("ATA" and "SATA") not (serial near ATA)) and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/11/24 08:18
S160	29	((("ATA" and "SATA") not (serial near ATA)) and @pd<"20010906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/11/24 08:18
S161	842	((serial near ATA) SATA) near ("hard drive" "hdd" "disk drive" disk)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/11/24 08:18
S162	20	((serial near ATA) SATA) near ("hard drive" "hdd" "disk drive" disk) and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/11/24 08:18

S163	3	((((serial near ATA) SATA) and (parallel near ATA)) near ("hard drive" "hdd" "disk drive" disk) and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/11/24 08:18
S164	48	((((serial near ATA) SATA) and (parallel near ATA)) and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/11/24 08:18
S165	158	((((serial near ATA) SATA) and ((parallel near ATA) IDE)) and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/11/24 08:18
S166	158	((((serial near ATA) SATA) and ((parallel near ATA) (IDE "integrated drive electronic")))) and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/11/24 08:18
S167	565	((serial and parallel) near ATA) ((serial and parallel) near ("hdd" "hard disk" disk)) and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/11/24 08:18
S168	550	((serial and parallel) near ATA) ((serial and parallel) near ("hdd" "hard disk" disk)) and @pd<"20010906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/11/24 08:18
S169	12	((((serial and parallel) near ATA) ((serial and parallel) near ("hdd" "hard disk" disk))) and @pd<"20010906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/11/24 08:18
S170	74	((((serial and parallel) near ATA) ((serial and parallel) near ("hdd" "hard disk" disk)))and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/11/24 08:18
S171	60	((((serial and parallel) near ATA) ((serial and parallel) adj ("hdd" "hard disk" disk)))and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/11/24 08:18
S172	2	((((serial and parallel) near ATA) ((serial and parallel) adj ("hdd" "hard disk" disk))) and @pd<"20010906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/11/24 08:18
S173	36	((serial and parallel) adj (storage))and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/11/24 08:18

S174	3	("2003/0191872").URPN.	USPAT	OR	ON	2008/11/24 08:18
S175	10	(double near data near rate) with (ATA SATA)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/11/24 08:18
S176	32	((twice two?times "2"? times double) near (frequency speed transmission rate)) and ((serial near ATA) SATA) and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/11/24 08:18
S177	24	("disk drive" and (double near (data rate)) and encod\$3).bsum.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/11/24 08:18
S178	7	("disk drive" and (double near (data rate)) and encod\$3).bsum. and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/11/24 08:18
S179	175	((double near (data rate)) and encod\$3).bsum. and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/11/24 08:18
S180	98	((double adj (data rate)) and encod\$3).bsum. and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/11/24 08:18
S181	129	((ATA and SATA)(double adj (data rate)) and encod\$3).bsum. and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/11/24 08:18
S182	14	((parallel and serial) and (double near (data rate)) and encod\$3).bsum. and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/11/24 08:18
S183	10	((parallel and serial) and (double adj (data rate)) and encod\$3).bsum. and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/11/24 08:18
S184	13	((ATA and SATA) and (serial and parallel)).bsum. and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/11/24 08:18
S185	667	(ATA) and (mux multiplex \$3) and (serial and parallel) and @ad<"20020907"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/11/24 08:18
S186	15	((ATA) and (mux multiplex \$3) and (serial and parallel)).bsum. and @ad<"20020907"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/11/24 08:18
S187	1	09/860027	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/11/24 08:18

S188	522	(serial and parallel) adj (IDE ATA)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/11/24 08:18
S189	45	(serial and parallel) adj (IDE ATA) and @ad< "20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/11/24 08:18
S190	2	(serial and parallel) adj (IDE ATA) and (mux multiplex\$3) and ((storage near device) (disk near drive)) and @ad< "20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/11/24 08:18
S191	11	(serial and parallel) adj (IDE ATA) and (mux multiplex\$3 switch) and ((storage near device) (disk near drive)) and @ad< "20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/11/24 08:18
S192	2	(serial and parallel) adj (IDE ATA) and (mux multiplex\$3) and @ad< "20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/11/24 08:18
S193	2	"20030191874"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/11/24 08:18
S194	8	((frank near barth) (henry near drescher) (alexander near krebs)).in. and @ad< "20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/11/24 08:18
S195	9	(US-20040120353-\$ or US- 20030191872-\$ or US- 20030074515-\$ or US- 20030005231-\$ or US- 20050251588-\$ or US- 20030229748-\$).did. or (US-7308512-\$ or US- 6931457-\$ or US-7047357- \$).did.	US-PGPUB; USPAT	OR	ON	2008/11/24 08:18
S196	9	S195 and (rate speed transfer)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/11/24 08:18
S197	9	S195 and (rate speed)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/11/24 08:18
S198	6	S195 and (rate)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/11/24 08:18
S199	1	S195 and (phase)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/11/24 08:18

S200	2	S195 and (frequency)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/11/24 08:18
S201	3	S195 and (clock)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/11/24 08:18
S202	709	(710/11 710/14).ccls. and (clock rate speed frequenc \$3)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/11/24 08:18
S203	492	(710/11 710/14).ccls. and (clock rate speed frequenc \$3) and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/11/24 08:18
S204	24	(710/11 710/14).ccls. and (clock rate speed frequenc \$3) same (IDE SATA) and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/11/24 08:18
S205	30	(710/11 710/14).ccls. and (clock rate speed frequenc \$3) same (mux multiplex \$3 switch\$3 convert\$3) and (threshold) and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/11/24 08:18
S206	1	(710/11 710/14).ccls. and (clock rate speed frequenc \$3) same (mux multiplex \$3 switch\$3 convert\$3) and (threshold) and (IDE ATA SATA) and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/11/24 08:18
S207	3	(710/11 710/14).ccls. and (clock rate speed frequenc \$3) same (mux multiplex \$3 switch\$3 convert\$3) and (threshold) and ((encode embed enclud\$3) near (command data signal)) and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/11/24 08:18
S208	50	(US-20040120353-\$ or US- 20070174504-\$ or US- 20070260756-\$ or US- 20050186832-\$ or US- 20060069816-\$ or US- 20060069932-\$ or US- 20060101174-\$ or US- 20060129703-\$ or US- 20050024083-\$ or US- 20050289262-\$ or US- 20040223559-\$ or US- 20040044802-\$ or US- 20050086459-\$ or US- 20060019542-\$ or US- 20060041783-\$ or US-	US-PGPUB; USPAT	OR	ON	2008/11/24 08:18

		20060072909-\$ or US- 20060218319-\$ or US- 20060230218-\$ or US- 20060242312-\$ or US- 20060248241-\$ or US- 20060271739-\$ or US- 20070005880-\$ or US- 20060136666-\$ or US- 20060026315-\$ or US- 20040071251-\$ or US- 20040097122-\$).did. or (US-7230981-\$ or US- 7134908-\$ or US-7159055- \$ or US-7271999-\$ or US- 7293167-\$ or US-6781826- \$ or US-6791779-\$ or US- 6811427-\$ or US-6832929- \$ or US-6832931-\$ or US- 6884085-\$ or US-6908330- \$ or US-6965956-\$ or US- 6976869-\$ or US-7003623- \$ or US-7056135-\$ or US- 7076391-\$ or US-7171525- \$ or US-7238037-\$ or US- 7250751-\$ or US-7250784- \$ or US-7253652-\$ or US- 7263153-\$ or US-7308534- \$).did.				
S209	470	710/11.ccls.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/11/24 08:18
S210	323	710/11.ccls. and @ad<"20020906"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/11/24 08:18

6/ 3/ 2009 8:00:04 PM

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